

10552492

Enter NEWS followed by the item number or name to see news on that specific topic.

All use of STN is subject to the provisions of the STN Customer agreement. Please note that this agreement limits use to scientific research. Use for software development or design or implementation of commercial gateways or other similar uses is prohibited and may result in loss of user privileges and other penalties.

FILE 'HOME' ENTERED AT 12:49:22 ON 26 FEB 2007

FILE 'REGISTRY' ENTERED AT 12:49:27 ON 26 FEB 2007
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
COPYRIGHT (C) 2007 American Chemical Society (ACS)

Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 25 FEB 2007 HIGHEST RN 923060-60-0
DICTIONARY FILE UPDATES: 25 FEB 2007 HIGHEST RN 923060-60-0

New CAS Information Use Policies, enter HELP USAGETERMS for details.

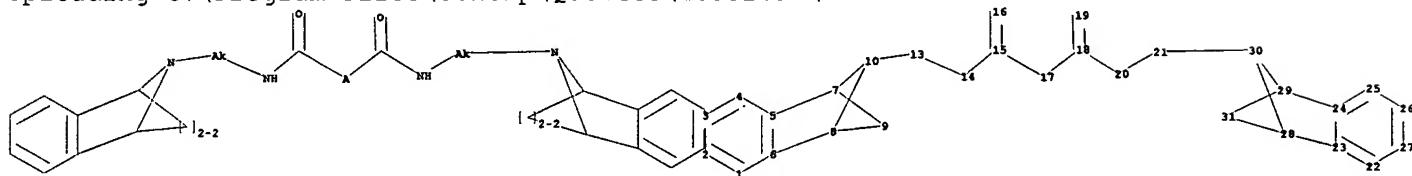
TSCA INFORMATION NOW CURRENT THROUGH June 30, 2006

Please note that search-term pricing does apply when conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

<http://www.cas.org/ONLINE/UG/regprops.html>

```
=> Uploading C:\Program Files\Stnexp\Queries\10552492\1.str
```



L1 STRUCTURE UPLOADED

=> d
L1 HAS NO ANSWERS

10552492

L1 STR
*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

Structure attributes must be viewed using STN Express query preparation.

=> s 11 full
FULL SEARCH INITIATED 12:49:48 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 40763 TO ITERATE

100.0% PROCESSED 40763 ITERATIONS 0 ANSWERS
SEARCH TIME: 00.00.02

L2 0 SEA SSS FUL L1

=> file reg
COST IN U.S. DOLLARS SINCE FILE TOTAL
ENTRY SESSION
FULL ESTIMATED COST 172.10 172.31

FILE 'REGISTRY' ENTERED AT 12:50:01 ON 26 FEB 2007
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
COPYRIGHT (C) 2007 American Chemical Society (ACS)

Property values tagged with IC are from the ZIC/VINITI data file
provided by InfoChem.

STRUCTURE FILE UPDATES: 25 FEB 2007 HIGHEST RN 923060-60-0
DICTIONARY FILE UPDATES: 25 FEB 2007 HIGHEST RN 923060-60-0

New CAS Information Use Policies, enter HELP USAGETERMS for details.

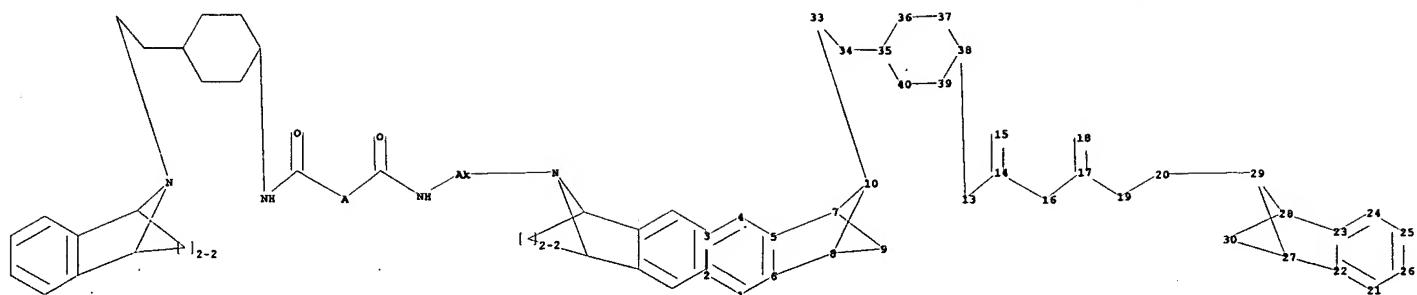
TSCA INFORMATION NOW CURRENT THROUGH June 30, 2006

Please note that search-term pricing does apply when
conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and
predicted properties as well as tags indicating availability of
experimental property data in the original document. For information
on property searching in REGISTRY, refer to:

<http://www.cas.org/ONLINE/UG/regprops.html>

=>
Uploading C:\Program Files\Stnexp\Queries\10552492\2.str



chain nodes :

13 14 15 16 17 18 19 20 33 34

ring nodes :

1 2 3 4 5 6 7 8 9 10 21 22 23 24 25 26 27 28 29 30 35 36 37 38 39
40

chain bonds :

10-33 13-14 13-38 14-15 14-16 16-17 17-18 17-19 19-20 20-29 33-34 34-35

ring bonds :

1-2 1-6 2-3 3-4 4-5 5-6 5-7 6-8 7-9 7-10 8-9 8-10 21-22 21-26 21-26 22-23 22-27
23-24 23-28 24-25 25-26 27-29 27-30 28-29 28-30 35-36 35-40 36-37 37-38 38-39
39-40

exact/norm bonds :

5-7 6-8 7-9 7-10 8-9 8-10 10-33 13-14 13-38 14-15 14-16 14-16 16-17 17-18 17-19
19-20 20-29 22-27 23-28 27-29 27-30 28-29 28-30 35-36 35-40 36-37 37-38 38-39
39-40

exact bonds :

33-34 34-35

normalized bonds :

1-2 1-6 2-3 3-4 4-5 5-6 21-22 21-26 22-23 23-24 24-25 25-26

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom 13:CLASS
14:CLASS 15:CLASS 16:CLASS 17:CLASS 18:CLASS 19:CLASS 20:CLASS 21:Atom 22:Atom
23:Atom 24:Atom 25:Atom 26:Atom 27:Atom 28:Atom 29:Atom 30:Atom 33:CLASS
34:CLASS 35:Atom 36:Atom 37:Atom 38:Atom 39:Atom 40:Atom

L3 STRUCTURE UPLOADED

=> s 13 full
 FULL SEARCH INITIATED 12:50:20 FILE 'REGISTRY'
 FULL SCREEN SEARCH COMPLETED - 322 TO ITERATE

100.0% PROCESSED 322 ITERATIONS
 SEARCH TIME: 00.00.01

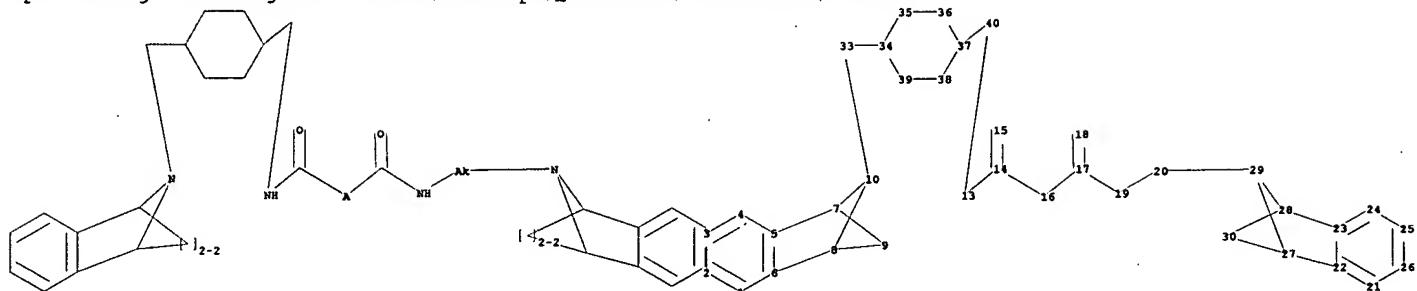
0 ANSWERS

L4 0 SEA SSS FUL L3

10552492

=>

Uploading C:\Program Files\Stnexp\Queries\10552492\3.str



chain nodes :

13 14 15 16 17 18 19 20 33 40

ring nodes :

1 2 3 4 5 6 7 8 9 10 21 22 23 24 25 26 27 28 29 30 34 35 36 37 38
39

chain bonds :

10-33 13-14 13-40 14-15 14-16 16-17 17-18 17-19 19-20 20-29 33-34 37-40

ring bonds :

1-2 1-6 2-3 3-4 4-5 5-6 5-7 6-8 7-9 7-10 8-9 8-10 21-22 21-26 22-23 22-27
23-24 23-28 24-25 25-26 27-29 27-30 28-29 28-30 34-35 34-39 35-36 36-37 37-38
38-39

exact/norm bonds :

5-7 6-8 7-9 7-10 8-9 8-10 10-33 13-14 13-40 14-15 14-16 16-17 17-18 17-19
19-20 20-29 22-27 23-28 27-29 27-30 28-29 28-30 34-35 34-39 35-36 36-37 37-38
38-39

exact bonds :

33-34 37-40

normalized bonds :

1-2 1-6 2-3 3-4 4-5 5-6 21-22 21-26 22-23 23-24 24-25 25-26

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom 13:CLASS
14:CLASS 15:CLASS 16:CLASS 17:CLASS 18:CLASS 19:CLASS 20:CLASS 21:Atom 22:Atom
23:Atom 24:Atom 25:Atom 26:Atom 27:Atom 28:Atom 29:Atom 30:Atom 33:CLASS 34:Atom
35:Atom 36:Atom 37:Atom 38:Atom 39:Atom 40:CLASS

L5 STRUCTURE UPLOADED

=> s 15 full
FULL SEARCH INITIATED 12:50:39 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 1652 TO ITERATE

100.0% PROCESSED 1652 ITERATIONS
SEARCH TIME: 00.00.01

0 ANSWERS

Structure Search

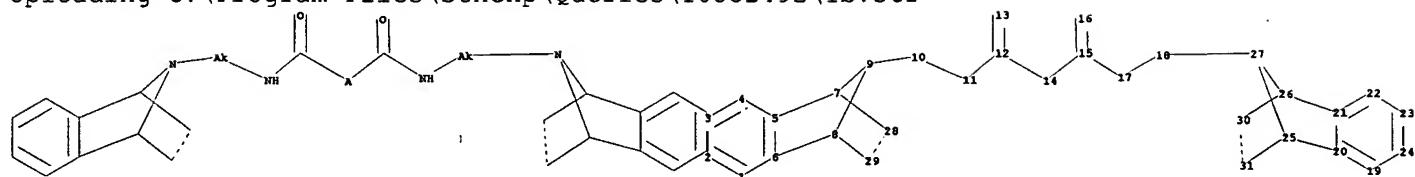
10552492

L6

0 SEA SSS FUL L5

=>

Uploading C:\Program Files\Stnexp\Queries\10552492\1b.str



chain nodes :

10 11 12 13 14 15 16 17 18

ring nodes :

1 2 3 4 5 6 7 8 9 19 20 21 22 23 24 25 26 27 28 29 30 31

chain bonds :

9-10 10-11 11-12 12-13 12-14 14-15 15-16 15-17 17-18 18-27

ring bonds :

1-2 1-6 2-3 3-4 4-5 5-6 5-7 6-8 7-9 7-28 8-9 8-29 19-20 19-24 20-21 20-25
21-22 21-26 22-23 23-24 25-27 25-31 26-27 26-30 28-29 30-31

exact/norm bonds :

5-7 6-8 7-9 7-28 8-9 8-29 9-10 10-11 11-12 12-13 12-14 14-15 15-16 15-17
17-18 18-27 20-25 21-26 25-27 25-31 26-27 26-30 28-29 30-31

normalized bonds :

1-2 1-6 2-3 3-4 4-5 5-6 19-20 19-24 20-21 21-22 22-23 23-24

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:CLASS
11:CLASS 12:CLASS 13:CLASS 14:CLASS 15:CLASS 16:CLASS 17:CLASS 18:CLASS 19:Atom
20:Atom 21:Atom 22:Atom 23:Atom 24:Atom 25:Atom 26:Atom 27:Atom 28:Atom 29:Atom
30:Atom 31:Atom

L7 STRUCTURE UPLOADED

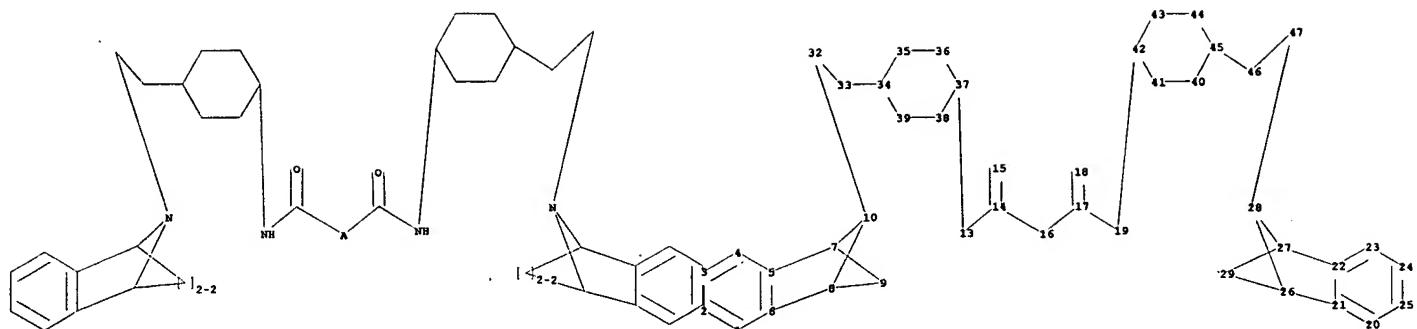
=> s 17 full
FULL SEARCH INITIATED 12:55:14 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 19538 TO ITERATE

100.0% PROCESSED 19538 ITERATIONS
SEARCH TIME: 00.00.02

0 ANSWERS

L8 0 SEA SSS FUL L7

=>
Uploading C:\Program Files\Stnexp\Queries\10552492\2a.str



chain nodes :

chain heads:

ring nodes :

1 2 3 4 5 6 7 8 9 10 20 21 22 23 24 25 26 27 28 29 34 35 36 37 38
39 40 41 42 43 44 45

chain bonds :

10-32 13-14 13-37 14-15 14-16 16-17 17-18 17-19 19-42 28-47 32-33 33-34 45-46
46-47

ring bonds :
 1-2 1-6 2-3 3-4 4-5 5-6 5-7 6-8 7-9 7-10 8-9 8-10 20-21 20-25 21-22 21-26
 22-23 22-27 23-24 24-25 26-28 26-29 27-28 27-29 34-35 34-39 35-36 36-37 37-38
 38-39 40-41 40-45 41-42 42-43 43-44 44-45

38-39 40-41 40-

exact/norm bonds :
 5-7 6-8 7-9 7-10 8-9 8-10 10-32 13-14 13-37 14-15 14-16 16-17 17-18 17-19
 19-42 21-26 22-27 26-28 26-29 27-28 27-29 28-47 34-35 34-39 35-36 36-37 37-38
 38-39 40-41 40-45 41-42 42-43 43-44 44-45

exact bonds;

32-33 33-34 45-46 46-47

normalized bonds :

1-2 1-6 2-3 3-4 4-5 5-6 20-21 20-25 21-22 22-23 23-24 24-25

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom 13:CLASS
14:CLASS 15:CLASS 16:CLASS 17:CLASS 18:CLASS 19:CLASS 20:Atom 21:Atom 22:Atom
23:Atom 24:Atom 25:Atom 26:Atom 27:Atom 28:Atom 29:Atom 32:CLASS 33:CLASS
34:Atom 35:Atom 36:Atom 37:Atom 38:Atom 39:Atom 40:Atom 41:Atom 42:Atom 43:Atom
44:Atom 45:Atom 46:CLASS 47:CLASS

L9 STRUCTURE UPLOADED

=> s 19 full
FULL SEARCH INITIATED 12:55:38 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 199 TO ITERATE

10552492

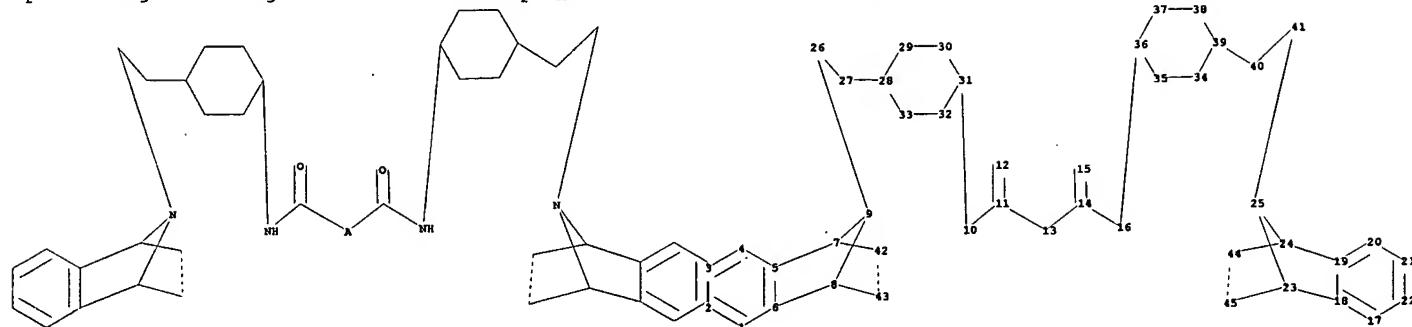
100.0% PROCESSED 199 ITERATIONS
SEARCH TIME: 00.00.01

0 ANSWERS

L10 0 SEA SSS FUL L9

=>

Uploading C:\Program Files\Stnexp\Queries\10552492\2b.str



chain nodes :

10 11 12 13 14 15 16 26 27 40 41

ring nodes :

1 2 3 4 5 6 7 8 9 17 18 19 20 21 22 23 24 25 28 29 30 31 32 33 34
35 36 37 38 39 42 43 44 45

chain bonds :

9-26 10-11 10-31 11-12 11-13 13-14 14-15 14-16 16-36 25-41 26-27 27-28 39-40
40-41

ring bonds :

1-2 1-6 2-3 3-4 4-5 5-6 5-7 6-8 7-9 7-42 8-9 8-43 17-18 17-22 18-19 18-23
19-20 19-24 20-21 21-22 23-25 23-45 24-25 24-44 28-29 28-33 29-30 30-31 31-32
32-33 34-35 34-39 35-36 36-37 37-38 38-39 42-43 44-45

exact/norm bonds :

5-7 6-8 7-9 7-42 8-9 8-43 9-26 10-11 10-31 11-12 11-13 13-14 14-15 14-16
16-36 18-23 19-24 23-25 23-45 24-25 24-44 25-41 28-29 28-33 29-30 30-31 31-32
32-33 34-35 34-39 35-36 36-37 37-38 38-39 42-43 44-45

exact bonds :

26-27 27-28 39-40 40-41

normalized bonds :

1-2 1-6 2-3 3-4 4-5 5-6 17-18 17-22 18-19 19-20 20-21 21-22

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:CLASS
11:CLASS 12:CLASS 13:CLASS 14:CLASS 15:CLASS 16:CLASS 17:Atom 18:Atom 19:Atom
20:Atom 21:Atom 22:Atom 23:Atom 24:Atom 25:Atom 26:CLASS 27:CLASS 28:Atom
29:Atom 30:Atom 31:Atom 32:Atom 33:Atom 34:Atom 35:Atom 36:Atom 37:Atom 38:Atom
39:Atom 40:CLASS 41:CLASS 42:Atom 43:Atom 44:Atom 45:Atom

10552492

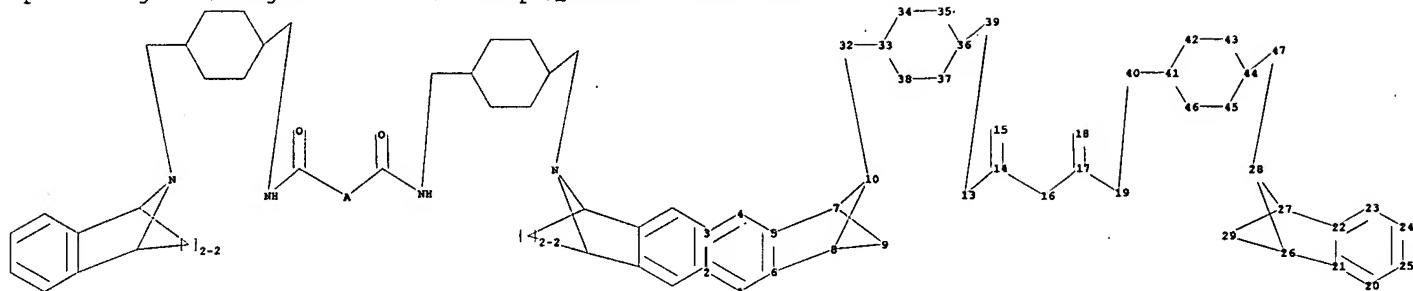
L11 STRUCTURE UPLOADED

=> s l11 full
FULL SEARCH INITIATED 12:56:00 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 66 TO ITERATE

100.0% PROCESSED 66 ITERATIONS 0 ANSWERS
SEARCH TIME: 00.00.01

L12 0 SEA SSS FUL L11

=>
Uploading C:\Program Files\Stnexp\Queries\10552492\3a.str



chain nodes :

13 14 15 16 17 18 19 32 39 40 47

ring nodes :

1 2 3 4 5 6 7 8 9 10 20 21 22 23 24 25 26 27 28 29 33 34 35 36 37
38 41 42 43 44 45 46

chain bonds :

10-32 13-14 13-39 14-15 14-16 16-17 17-18 17-19 19-40 28-47 32-33 36-39 40-41
44-47

ring bonds :

1-2 1-6 2-3 3-4 4-5 5-6 5-7 6-8 7-9 7-10 8-9 8-10 20-21 20-25 21-22 21-26
22-23 22-27 23-24 24-25 26-28 26-29 27-28 27-29 33-34 33-38 34-35 35-36 36-37
37-38 41-42 41-46 42-43 43-44 44-45 45-46

exact/norm bonds :

5-7 6-8 7-9 7-10 8-9 8-10 10-32 13-14 13-39 14-15 14-16 16-17 17-18 17-19
19-40 21-26 22-27 26-28 26-29 27-28 27-29 28-47 33-34 33-38 34-35 35-36 36-37
37-38 41-42 41-46 42-43 43-44 44-45 45-46

exact bonds :

32-33 36-39 40-41 44-47

normalized bonds :

1-2 1-6 2-3 3-4 4-5 5-6 20-21 20-25 21-22 22-23 23-24 24-25

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom 13:CLASS
14:CLASS 15:CLASS 16:CLASS 17:CLASS 18:CLASS 19:CLASS 20:Atom 21:Atom 22:Atom
23:Atom 24:Atom 25:Atom 26:Atom 27:Atom 28:Atom 29:Atom 32:CLASS 33:Atom 34:Atom
35:Atom 36:Atom 37:Atom 38:Atom 39:CLASS 40:CLASS 41:Atom 42:Atom 43:Atom
44:Atom 45:Atom 46:Atom 47:CLASS

10552492

L13 STRUCTURE UPLOADED

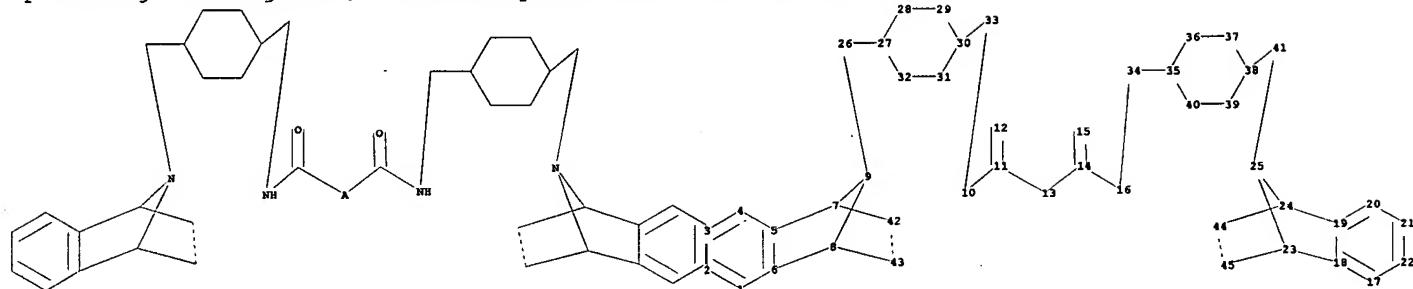
=> s 113 full
FULL SEARCH INITIATED 12:56:23 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 322 TO ITERATE

100.0% PROCESSED 322 ITERATIONS 0 ANSWERS
SEARCH TIME: 00.00.01

L14 0 SEA SSS FUL L13

=>

Uploading C:\Program Files\Stnexp\Queries\10552492\3b.str



chain nodes :

10 11 12 13 14 15 16 26 33 34 41

ring nodes :

1 2 3 4 5 6 7 8 9 17 18 19 20 21 22 23 24 25 27 28 29 30 31 32 35
36 37 38 39 40 42 43 44 45

chain bonds :

9-26 10-11 10-33 11-12 11-13 13-14 14-15 14-16 16-34 25-41 26-27 30-33 34-35
38-41

ring bonds :

1-2 1-6 2-3 3-4 4-5 5-6 5-7 6-8 7-9 7-42 8-9 8-43 17-18 17-22 18-19 18-23
19-20 19-24 20-21 21-22 23-25 23-45 24-25 24-44 27-28 27-32 28-29 29-30 30-31
31-32 35-36 35-40 36-37 37-38 38-39 39-40 42-43 44-45

exact/norm bonds :

5-7 6-8 7-9 7-42 8-9 8-43 9-26 10-11 10-33 11-12 11-13 13-14 14-15 14-16
16-34 18-23 19-24 23-25 23-45 24-25 24-44 25-41 27-28 27-32 28-29 29-30 30-31
31-32 35-36 35-40 36-37 37-38 38-39 39-40 42-43 44-45

exact bonds :

26-27 30-33 34-35 38-41

normalized bonds :

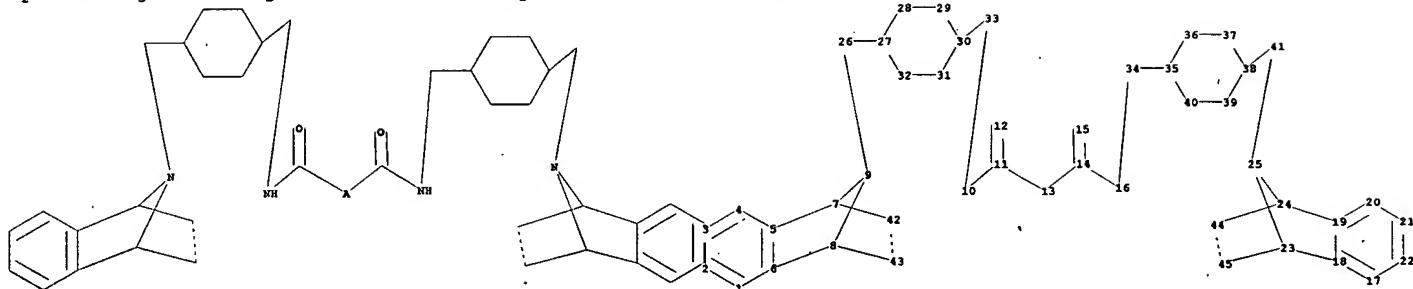
1-2 1-6 2-3 3-4 4-5 5-6 17-18 17-22 18-19 19-20 20-21 21-22

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:CLASS
11:CLASS 12:CLASS 13:CLASS 14:CLASS 15:CLASS 16:CLASS 17:Atom 18:Atom 19:Atom
20:Atom 21:Atom 22:Atom 23:Atom 24:Atom 25:Atom 26:CLASS 27:Atom 28:Atom 29:Atom
30:Atom 31:Atom 32:Atom 33:CLASS 34:CLASS 35:Atom 36:Atom 37:Atom 38:Atom
39:Atom 40:Atom 41:CLASS 42:Atom 43:Atom 44:Atom 45:Atom

=>

Uploading C:\Program Files\Stnexp\Queries\10552492\3b.str



chain nodes :

10 11 12 13 14 15 16 26 33 34 41

ring nodes :

1 2 3 4 5 6 7 8 9 17 18 19 20 21 22 23 24 25 27 28 29 30 31 32 35
36 37 38 39 40 42 43 44 45

chain bonds :

9-26 10-11 10-33 11-12 11-13 13-14 14-15 14-16 16-34 25-41 26-27 30-33 34-35
38-41

ring bonds :

1-2 1-6 2-3 3-4 4-5 5-6 5-7 6-8 7-9 7-42 8-9 8-43 17-18 17-22 18-19 18-23
19-20 19-24 20-21 21-22 23-25 23-45 24-25 24-44 27-28 27-32 28-29 29-30 30-31
31-32 35-36 35-40 36-37 37-38 38-39 39-40 42-43 44-45

exact/norm bonds :

5-7 6-8 7-9 7-42 8-9 8-43 9-26 10-11 10-33 11-12 11-13 13-14 14-15 14-16
16-34 18-23 19-24 23-25 23-45 24-25 24-44 25-41 27-28 27-32 28-29 29-30 30-31
31-32 35-36 35-40 36-37 37-38 38-39 39-40 42-43 44-45

exact bonds :

26-27 30-33 34-35 38-41

normalized bonds :

1-2 1-6 2-3 3-4 4-5 5-6 17-18 17-22 18-19 19-20 20-21 21-22

Match level :

1:Atom	2:Atom	3:Atom	4:Atom	5:Atom	6:Atom	7:Atom	8:Atom	9:Atom	10:CLASS
11:CLASS	12:CLASS	13:CLASS	14:CLASS	15:CLASS	16:CLASS	17:Atom	18:Atom	19:Atom	
20:Atom	21:Atom	22:Atom	23:Atom	24:Atom	25:Atom	26:CLASS	27:Atom	28:Atom	29:Atom
30:Atom	31:Atom	32:Atom	33:CLASS	34:CLASS	35:Atom	36:Atom	37:Atom	38:Atom	
39:Atom	40:Atom	41:CLASS	42:Atom	43:Atom	44:Atom	45:Atom			

L15 STRUCTURE UPLOADED

10552492

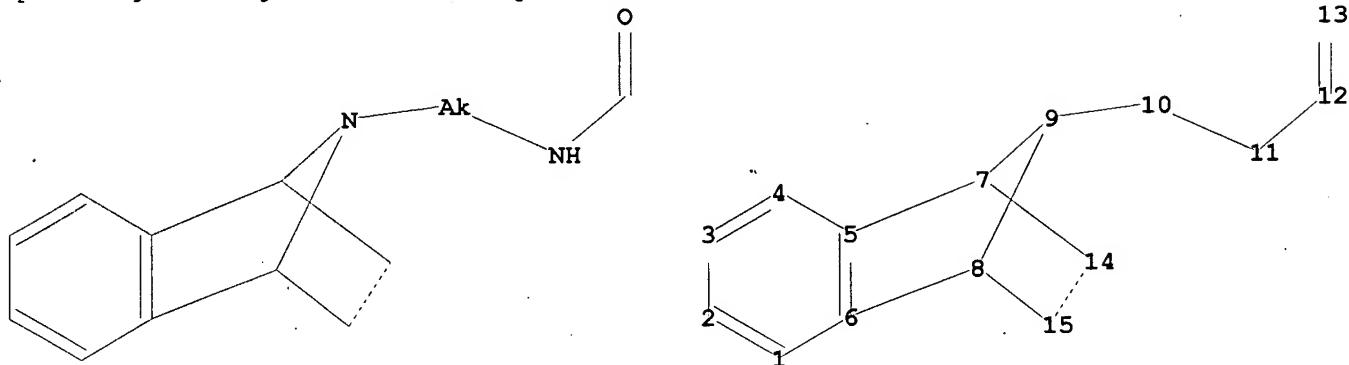
=> s 115 full
FULL SEARCH INITIATED 12:56:55 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 143 TO ITERATE

100.0% PROCESSED 143 ITERATIONS
SEARCH TIME: 00.00.01

0 ANSWERS

L16 0 SEA SSS FUL L15

=>
Uploading C:\Program Files\Stnexp\Queries\10552492\1c.str



chain nodes :

10 11 12 13

ring nodes :

1 2 3 4 5 6 7 8 9 14 15

chain bonds :

9-10 10-11 11-12 12-13

ring bonds :

1-2 1-6 2-3 3-4 4-5 5-6 5-7 6-8 7-9 7-14 8-9 8-15 14-15

exact/norm bonds :

5-7 6-8 7-9 7-14 8-9 8-15 9-10 10-11 11-12 12-13 14-15

normalized bonds :

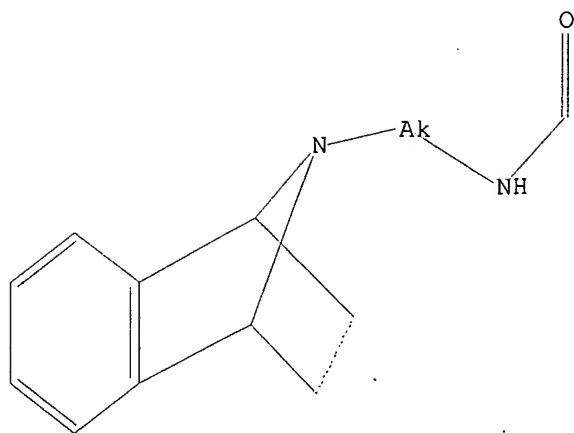
1-2 1-6 2-3 3-4 4-5 5-6

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:CLASS
11:CLASS 12:CLASS 13:CLASS 14:Atom 15:Atom

L17 STRUCTURE UPLOADED

=> d
L17 HAS NO ANSWERS
L17 STR



Structure attributes must be viewed using STN Express query preparation.

```
=> s 117 full
FULL SEARCH INITIATED 12:58:27 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 213223 TO ITERATE
```

```
100.0% PROCESSED 213223 ITERATIONS 1 ANSWERS
SEARCH TIME: 00.00.06
```

L18 1 SEA SSS FUL L17

=> file caplus	SINCE FILE	TOTAL
COST IN U.S. DOLLARS	ENTRY	SESSION
FULL ESTIMATED COST	1379.50	1551.81

```
FILE 'CAPLUS' ENTERED AT 12:58:37 ON 26 FEB 2007
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
COPYRIGHT (C) 2007 AMERICAN CHEMICAL SOCIETY (ACS)
```

Copyright of the articles to which records in this database refer is held by the publishers listed in the PUBLISHER (PB) field (available for records published or updated in Chemical Abstracts after December 26, 1996), unless otherwise indicated in the original publications. The CA Lexicon is the copyrighted intellectual property of the American Chemical Society and is provided to assist you in searching databases on STN. Any dissemination, distribution, copying, or storing of this information, without the prior written consent of CAS, is strictly prohibited.

FILE COVERS 1907 - 26 Feb 2007 VOL 146 ISS 10
FILE LAST UPDATED: 25 Feb 2007 (20070225/ED)

Effective October 17, 2005, revised CAS Information Use Policies apply.
They are available for your review at:

<http://www.cas.org/infopolicy.html>

```
=> s 118
L19 1 L18
```

10552492

=> d ibib hitstr 1

10552492

=> file reg
COST IN U.S. DOLLARS
FULL ESTIMATED COST

SINCE ENTRY	TOTAL SESSION
4.09	1555.90

FILE 'REGISTRY' ENTERED AT 12:59:05 ON 26 FEB 2007
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
COPYRIGHT (C) 2007 American Chemical Society (ACS).

Property values tagged with IC are from the ZIC/VINITI data file
provided by InfoChem.

STRUCTURE FILE UPDATES: 25 FEB 2007 HIGHEST RN 923060-60-0
DICTIONARY FILE UPDATES: 25 FEB 2007 HIGHEST RN 923060-60-0

New CAS Information Use Policies, enter HELP USAGETERMS for details.

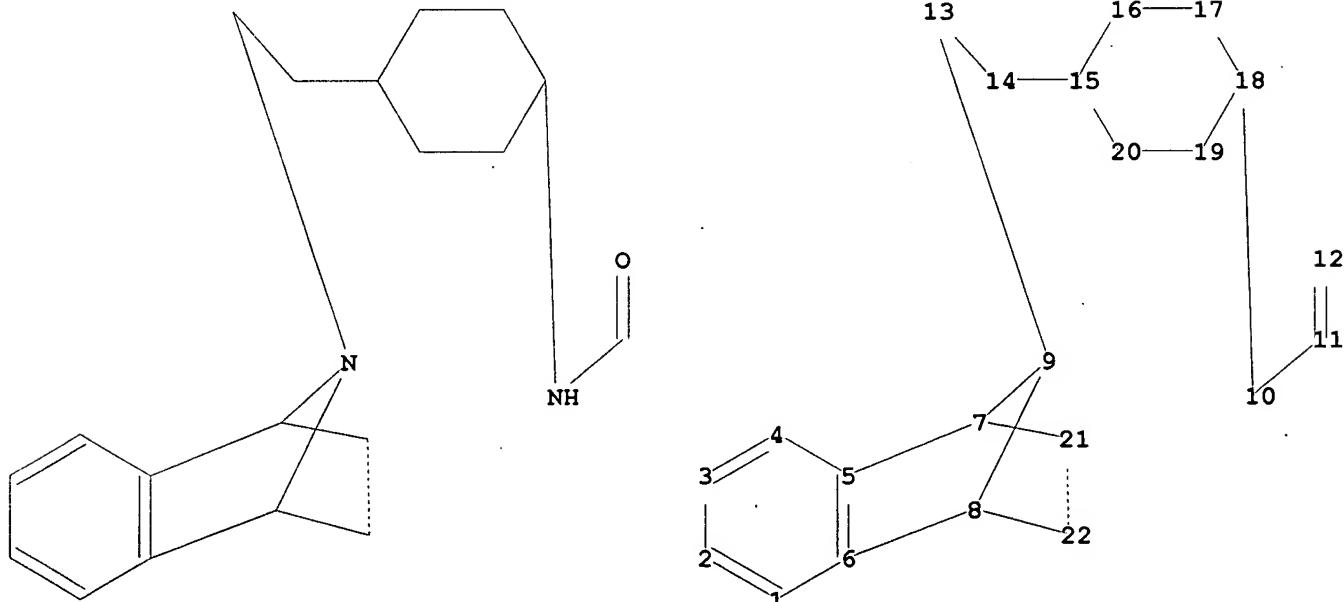
TSCA INFORMATION NOW CURRENT THROUGH June 30, 2006

Please note that search-term pricing does apply when
conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and
predicted properties as well as tags indicating availability of
experimental property data in the original document. For information
on property searching in REGISTRY, refer to:

<http://www.cas.org/ONLINE/UG/regprops.html>

=>
Uploading C:\Program Files\Stnexp\Queries\10552492\2c.str



chain nodes :
10 11 12 13 14
ring nodes :
1 2 3 4 5 6 7 8 9 15 16 17 18 19 20 21 22
chain bonds :
9-13 10-11 10-18 11-12 13-14 14-15
ring bonds :

Structure Search

10552492

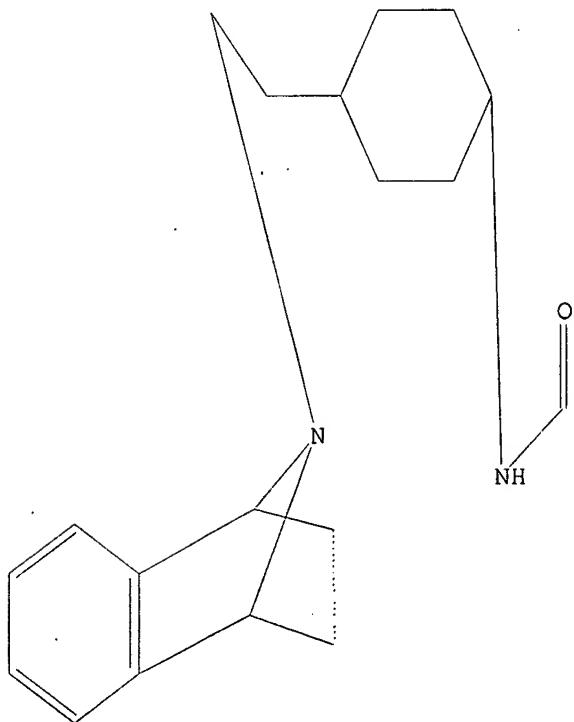
1-2 1-6 2-3 3-4 4-5 5-6 5-7 6-8 7-9 7-21 8-9 8-22 15-16 15-20 16-17 17-18
18-19 19-20 21-22
exact/norm bonds :
5-7 6-8 7-9 7-21 8-9 8-22 9-13 10-11 10-18 11-12 15-16 15-20 16-17 17-18
18-19 19-20 21-22
exact bonds :
13-14 14-15
normalized bonds :
1-2 1-6 2-3 3-4 4-5 5-6

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:CLASS
11:CLASS 12:CLASS 13:CLASS 14:CLASS 15:Atom 16:Atom 17:Atom 18:Atom 19:Atom
20:Atom 21:Atom 22:Atom

L20 STRUCTURE UPLOADED

=> d
L20 HAS NO ANSWERS
L20 STR



Structure attributes must be viewed using STN Express query preparation.

=> s 120 full
FULL SEARCH INITIATED 12:59:23 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 813 TO ITERATE

100.0% PROCESSED 813 ITERATIONS 169 ANSWERS

Structure Search

10552492

SEARCH TIME: 00.00.01

L21 169 SEA SSS FUL L20

=> file caplus
COST IN U.S. DOLLARS SINCE FILE TOTAL
FULL ESTIMATED COST ENTRY SESSION
172.10 1728.00

FILE 'CAPLUS' ENTERED AT 12:59:28 ON 26 FEB 2007
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
COPYRIGHT (C) 2007 AMERICAN CHEMICAL SOCIETY (ACS)

Copyright of the articles to which records in this database refer is held by the publishers listed in the PUBLISHER (PB) field (available for records published or updated in Chemical Abstracts after December 26, 1996), unless otherwise indicated in the original publications. The CA Lexicon is the copyrighted intellectual property of the American Chemical Society and is provided to assist you in searching databases on STN. Any dissemination, distribution, copying, or storing of this information, without the prior written consent of CAS, is strictly prohibited.

FILE COVERS 1907 - 26 Feb 2007 VOL 146 ISS 10
FILE LAST UPDATED: 25 Feb 2007 (20070225/ED)

Effective October 17, 2005, revised CAS Information Use Policies apply. They are available for your review at:

<http://www.cas.org/infopolicy.html>

=> s
ENTER LOGIC EXPRESSION, QUERY NAME, OR (END):end
SEARCH ENDED BY USER

=> s 121
L22 3 L21

=> d ibib 1-3

10552492

=> file reg
COST IN U.S. DOLLARS
FULL ESTIMATED COST

SINCE ENTRY	FILE	TOTAL
4.01	SESSION	1732.01

FILE 'REGISTRY' ENTERED AT 12:59:59 ON 26 FEB 2007
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
COPYRIGHT (C) 2007 American Chemical Society (ACS)

Property values tagged with IC are from the ZIC/VINITI data file
provided by InfoChem.

STRUCTURE FILE UPDATES: 25 FEB 2007 HIGHEST RN 923060-60-0
DICTIONARY FILE UPDATES: 25 FEB 2007 HIGHEST RN 923060-60-0

New CAS Information Use Policies, enter HELP USAGETERMS for details.

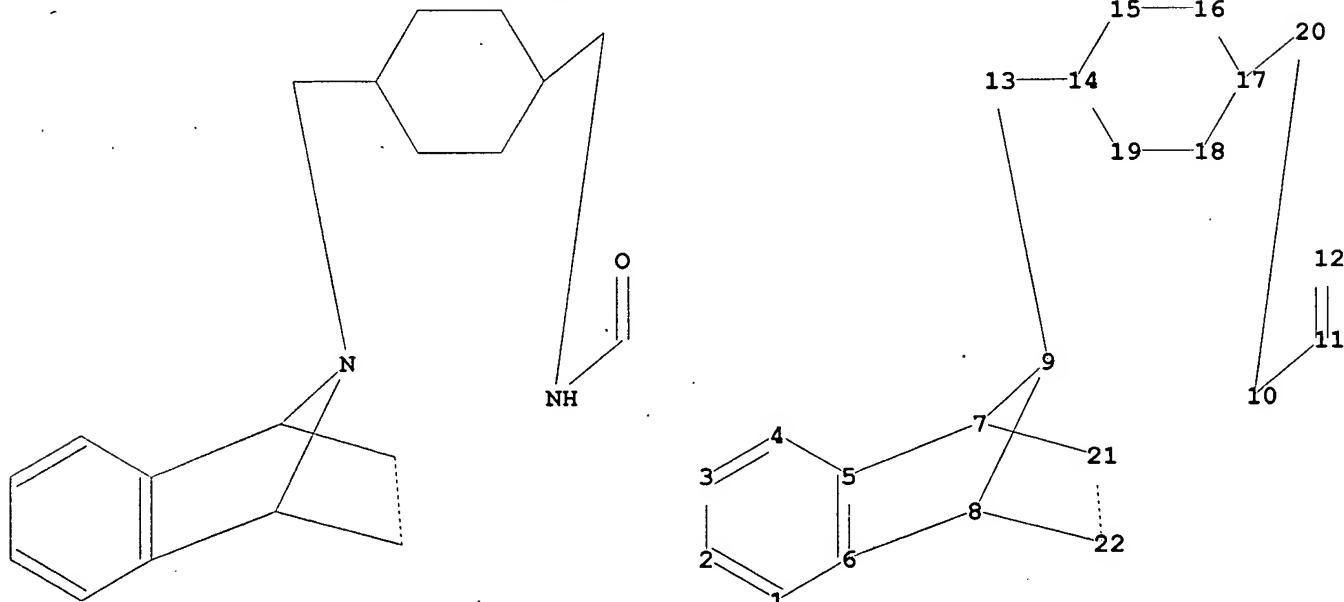
TSCA INFORMATION NOW CURRENT THROUGH June 30, 2006

Please note that search-term pricing does apply when
conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and
predicted properties as well as tags indicating availability of
experimental property data in the original document. For information
on property searching in REGISTRY, refer to:

<http://www.cas.org/ONLINE/UG/regprops.html>

=>
Uploading C:\Program Files\Stnexp\Queries\10552492\3c.str



chain nodes :
10 11 12 13 20
ring nodes :
1 2 3 4 5 6 7 8 9 14 15 16 17 18 19 21 22
chain bonds :
9-13 10-11 10-20 11-12 13-14 17-20
ring bonds :

Structure Search

10552492

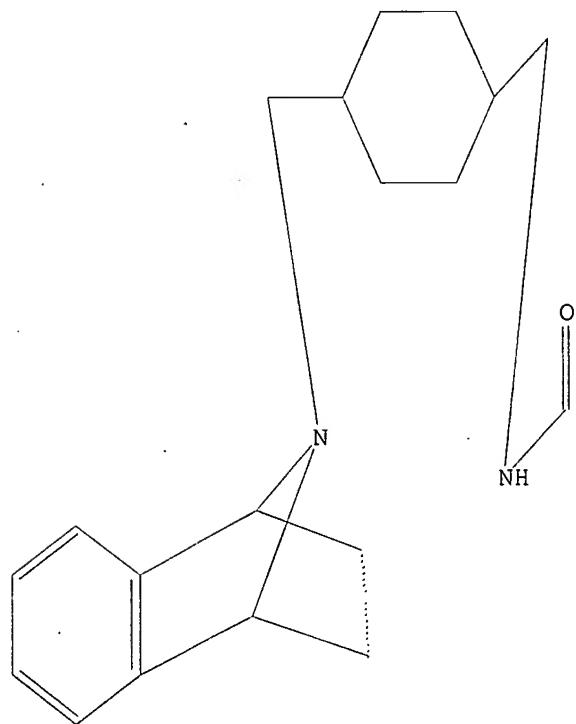
1-2 1-6 2-3 3-4 4-5 5-6 5-7 6-8 7-9 7-21 8-9 8-22 14-15 14-19 15-16 16-17
17-18 18-19 21-22
exact/norm bonds :
5-7 6-8 7-9 7-21 8-9 8-22 9-13 10-11 10-20 11-12 14-15 14-19 15-16 16-17
17-18 18-19 21-22
exact bonds :
13-14 17-20
normalized bonds :
1-2 1-6 2-3 3-4 4-5 5-6

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:CLASS
11:CLASS 12:CLASS 13:CLASS 14:Atom 15:Atom 16:Atom 17:Atom 18:Atom 19:Atom
20:CLASS 21:Atom 22:Atom

L23 STRUCTURE UPLOADED

=> d
L23 HAS NO ANSWERS
L23 STR



Structure attributes must be viewed using STN Express query preparation.

=> s 123 full
FULL SEARCH INITIATED 13:00:17 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 2455 TO ITERATE

100.0% PROCESSED 2455 ITERATIONS

8 ANSWERS

Structure Search

10552492

SEARCH TIME: 00.00.01

L24 8 SEA SSS FUL L23

=> file caplus
COST IN U.S. DOLLARS
SINCE FILE ENTRY TOTAL
SESSION
FULL ESTIMATED COST 172.10 1904.11

FILE 'CAPLUS' ENTERED AT 13:00:19 ON 26 FEB 2007
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
COPYRIGHT (C) 2007 AMERICAN CHEMICAL SOCIETY (ACS)

Copyright of the articles to which records in this database refer is held by the publishers listed in the PUBLISHER (PB) field (available for records published or updated in Chemical Abstracts after December 26, 1996), unless otherwise indicated in the original publications. The CA Lexicon is the copyrighted intellectual property of the American Chemical Society and is provided to assist you in searching databases on STN. Any dissemination, distribution, copying, or storing of this information, without the prior written consent of CAS, is strictly prohibited.

FILE COVERS 1907 - 26 Feb 2007 VOL 146 ISS 10
FILE LAST UPDATED: 25 Feb 2007 (20070225/ED)

Effective October 17, 2005, revised CAS Information Use Policies apply. They are available for your review at:

<http://www.cas.org/infopolicy.html>

=> s 124
L25 1 L24

=> d_ibib_1